

# Utah Monthly Communicable Disease Report

## May 2018



Background: The Utah Department of Health collects data on over 75 communicable diseases that affect the residents of Utah. These data are monitored by epidemiologists to detect changes in disease activity, and guide prevention and education efforts. More information can be found at <http://health.utah.gov/epi/>.

**Note: Individual disease investigations take time to complete; for this reason, data in this report should be considered provisional and will change as more complete reports are received.**

**Current counts of selected reportable diseases,\* compared to an historical 5-year average, May 2018**

Disease/Condition	May 2018	5-yr May avg+	2018 YTD**	5-yr YTD avg+, **
Acinetobacter species resistant to carbapenems	0	U	0	U
Acute Flaccid Myelitis	0	U	0	U
Arbovirus infection (not including West Nile, Dengue, or Yellow Fever)	0	0.0	0	0.2
Babesiosis	0	0.0	0	0.0
Botulism, total	0	0.6	2	2.8
foodborne	0	0.0	0	0.2
infant	0	0.6	2	2.6
other (wound/unspecified)	0	0.0	0	0.0
Brucellosis	0	0.0	0	0.2
Campylobacteriosis	27	56.6	183	182.0
Chickenpox	12	20.0	66	120.6
Chlamydia	857	709.0	4264	3650.6
Cholera	0	0.0	0	0.0
Coccidioidomycosis	0	3.8	4	20.4
Colorado tick fever	0	0.0	0	0.2
Creutzfeldt-Jakob disease and other transmissible human spongiform encephalopathies	1	0.4	2	1.8
Cryptosporidiosis	14	7.2	40	41.8
Cyclosporiasis	0	0.6	2	2.0
Dengue	0	0.0	0	0.8
Ehrlichiosis/Anaplasmosis	0	0.2	0	0.6
Encephalitis	0	0.2	1	1.4
Enterobacter species resistant to carbapenems	0	U	0	U
Escherichia coli species with resistance or intermediate resistance to carbapenems	1	U	5	U
Giardiasis	8	19.8	64	71.4
Gonorrhea	227	127.8	1115	633.0
HIV infection	6	8.4	48	48.4
Haemophilus influenzae, all ages, invasive disease	5	4.6	24	21.2
nonserotype B, age < 5 years	0	0.2	2	1.2
serotype B, age < 5 years	0	0.0	0	0.0
unknown serotype, age < 5 years	0	0.2	3	1.8
Hansen's disease (Leprosy)	0	0.2	1	0.2
Hantavirus pulmonary syndrome	0	0.0	0	0.0
Hemolytic uremic syndrome, post-diarrheal	0	0.4	1	1.4
Hepatitis A	7	1.2	107	4.4
Hepatitis B, acute	0	0.4	5	2.4
Hepatitis B, chronic	11	23.6	98	124.4
Hepatitis C, acute	1	4.6	14	22.4
Hepatitis C, chronic	126	146.8	718	723.2
Hepatitis, other viral	0	0.0	0	0.2
Influenza-associated hospitalizations§	12	35.6	1552	754.8
Influenza-associated pediatric mortality§	0	0.0	0	1.8
Klebsiella species resistant to carbapenems	0	U	1	U
Legionellosis	0	1.6	0	10.4
Leptospirosis	0	0.0	2	0.4
Listeriosis	0	0.2	0	1.0

\*Anthrax, Chancroid, Diphtheria, Poliomyelitis (paralytic & nonparalytic), Psittacosis, Rabies (human), Rubella (congenital), Severe Acute Respiratory Syndrome (SARS), Smallpox, Syphilis (congenital), Tetanus, Vancomycin-resistant Staphylococcus aureus (VRSA), Viral hemorrhagic fevers, and Yellow fever are not included in this report as there have been no cases reported in the state of Utah in the last five years.

+Averages are susceptible to skewing due to outbreaks and should be interpreted with care.

\*\*YTD indicates counts are year-to-date.

§Influenza is best assessed seasonally. Weekly updates are available at <http://health.utah.gov/epi/diseases/influenza/surveillance/index.html>.

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Lyme disease	0	1.4	5	3.6
Malaria	2	0.2	3	1.8
Measles	0	0.2	0	1.2
Meningitis, aseptic	0	3.2	10	17.2
Meningitis, bacterial, other	0	1.6	4	7.6
Meningitis, viral	0	3.2	11	13.4
Meningococcal disease (Neisseria meningitidis)	0	0.0	1	1.6
Mumps	1	1.4	3	7.6
Pertussis	3	66.0	122	333.4
Plague	0	0.0	0	0.2
Q fever	0	0.2	0	1.8
Rabies, animal	0	1.0	0	1.4
Relapsing fever, tick-borne and louse-borne	0	0.2	0	0.8
Rubella	0	0.0	0	0.2
Salmonellosis	13	33.8	117	139.4
Shiga toxin-producing Escherichia coli (STEC) infection	8	5.4	31	21.2
Shigellosis	0	3.0	11	17.2
Spotted Fever Rickettsiosis (Rocky Mountain Spotted Fever)	0	0.2	1	1.2
Streptococcal disease, invasive, group A	4	11.0	69	75.4
Streptococcal disease, invasive, group B	10	15.4	52	62.0
Streptococcal disease, invasive, other	26	31.2	130	157.6
Streptococcus pneumoniae, invasive disease	10	20.0	91	114.0
age < 5 years	0	2.8	5	11.4
Syphilis, early (infection < 12 months)	2	10.4	58	51.2
primary & secondary	2	7.2	35	32.8
early latent	0	3.2	23	18.4
Syphilis, latent (infection > 12 months)	0	4.8	19	26.6
Toxic shock syndrome (staphylococcal or streptococcal)	0	1.8	8	12.8
Trichinellosis	0	0.0	0	0.0
Tuberculosis, active	0	3.4	2	12.6
Tularemia	0	0.4	0	0.6
Typhoid fever	0	0.0	1	0.6
Vancomycin-intermediate Staphylococcus aureus (VISA)	0	0.0	0	0.2
Vibriosis	0	0.6	1	1.8
West Nile virus, total	0	0.0	0	0.0
neuroinvasive disease	0	0.0	0	0.0
nonneuroinvasive disease	0	0.0	0	0.0
Zika Virus Disease	0	U	3	U

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